

## UAS Unit Test Questions

1. According to the METAR below, what are the current conditions for Brown Field?  
KSDM 201653Z COR 27005KT 4SM BR OVC009 18/14 A2995
  - A. Sky 900 feet overcast, visibility 4SM, broken clouds
  - B. Sky 900 feet overcast, visibility 4SM, mist**
  - C. Sky 90 feet overcast, visibility 4SM, mist
  - D. Sky 9000 feet overcast, visibility 4SM, mist
2. When the control tower at Palomar Airport is closed, the Class D airspace is
  - A. Class G**
  - B. Class E
  - C. Unchanged
  - D. Class A
3. According to 14 CFR part 107, what is required to operate a small UAV within 30 minutes after official sunset?
  - A. Must be operated in a rural area
  - B. Use of FLIR
  - C. Use of anti-collision lights**
  - D. Use of a transponder
4. If an unstable air mass is forced upward, what type clouds can be expected?
  - A. Stratus clouds with considerable associated turbulence.
  - B. Clouds with considerable vertical development and associated turbulence.**
  - C. Stratus clouds with little vertical development.
  - D. Fog becoming overlying stratus clouds
5. According to the METAR below, what is the wind direction and velocity for KSAN  
KSAN 201809Z 32006KT 10SM OVC015 19/15 A2996
  - A. 015° true at 6 knots
  - B. 320° magnetic at 6 knots
  - C. 180° true at 9 knots
  - D. 320° true at 6 knots**
6. What is the height of the lighted obstacle 13.5 miles SW of Fallbrook Airport (L18)?
  - A. 414 feet AGL
  - B. 371 feet MSL
  - C. 371 feet AGL**
  - D. 785 feet MSL

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7. What is required to fly a mission at  $32^{\circ} 55'N - 117^{\circ} 06' W$ ?

**ECOA, NOTAM**

8. The shaded magenta area on a sectional chart represents what?

- A. Class E airspace at 700 feet AGL
- B. Class G airspace at 1200 feet AGL
- C. Class G airspace at 700 feet AGL
- D. Class E airspace at 700 feet MSL

9. According to the TAF for KNKX below, what is the valid period of report?

KNKX 2015/2115 VRB05KT 9999 OVC010 QNH2992INS

BECMG 2016/2018 25008KT 9999 FEW020 QNH2987INS

FM210230 VRB05KT 9999 BKN015 QNH2989INS

- A. 20<sup>th</sup> day 1600 to 1800Z
- B. **20<sup>th</sup> day to 21<sup>st</sup> day 1500 to 1500Z**
- C. 21<sup>st</sup> day at 0230Z
- D. 20<sup>th</sup> day 1500 to 21<sup>st</sup> day to 0230Z

10. The floor of Class B airspace over Lake Hodges is

- A. 10,000 feet
- B. 4,800 feet
- C. 2,600 feet
- D. 6,800 feet**

11. What is the airspace in Valley Center?

- A. 700 feet MSL
- B. 1200 feet AGL
- C. 700 feet AGL**
- D. 1200 feet AGL

12. What is the airspace over San Diego State University?

- A. Class B
- B. Class D
- C. Class G
- D. Class E**